

Lin, Cindy

From: Cindy Lin <Lin.Cindy@epamail.epa.gov>
Sent: Monday, March 10, 2014 3:29 PM
To: Lin, Cindy
Subject: Fw: RE: lagoon info request

Cindy Lin, D.ENV.
Water Division
US EPA R9 Southern CA Office
600 Wilshire Blvd, Ste 1460
Los Angeles, CA 90017
Office: 213.244.1803 Cell: 858.699.1255

-----Forwarded by Cindy Lin/R9/USEPA/US on 03/10/2014 03:28PM -----

To: "Joe Bellomo" <jbellomo@willdan.com>
From: "Dougall, Jan" <jdougall@lvmwd.com>
Date: 02/09/2012 03:29PM
Cc: "Orton, Randal" <ROrton@LVMWD.com>, "Butcher, Jon" <Jon.Butcher@tetrattech.com>, Cindy Lin/R9/USEPA/US@EPA
Subject: RE: lagoon info request

Hi Joe –

Could you send Cindy the FTP site information again so she can collect the benthic macroinvertebrate bioassessment data and reports we assembled for her?

Thanks!

Cindy - I'll generate an internal request for the LVMWD Spring 2011 bioassessment report and data in Excel.

Jan Dougall

LVMWD

(818) 251-2167

From: Cindy Lin [<mailto:Lin.Cindy@epamail.epa.gov>]
Sent: Thursday, February 09, 2012 3:01 PM
To: Dougall, Jan
Cc: Orton, Randal; Butcher, Jon
Subject: RE: lagoon info request

Jan:

Can you send me the FTP site again. As for last Spring's bioassessment report, we would love to have the data in an excel sheet. Should I make the request to you?

Cindy

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From: "Dougall, Jan" <jdougall@lvmwd.com>
To: Cindy Lin/R9/USEPA/US@EPA
Cc: "Orton, Randal" <ROrton@LVMWD.com>
Date: 02/09/2012 02:29 PM
Subject: RE: lagoon info request

Hi Cindy,

We already provided bioassessment data to you via the FTP site to be able to get data to you late last summer. We'd compiled BMI bioassessment reports and Excel-format data from LVMWD, the Malibu Creek Watershed-wide Monitoring Program, and one year of SMC data, plus the LA County Bioassessment reports from 2006-2010. Did you ever get that?

Since then we've gotten last spring's bioassessment reports, but could request the data in Excel format from the contractor. I would have to submit an official data request, so would need you to ask for this by email.

Jan Dougall
LVMWD
(818) 251-2167

From: Cindy Lin [<mailto:Lin.Cindy@epamail.epa.gov>]
Sent: Thursday, February 09, 2012 1:56 PM
To: Dougall, Jan
Cc: Orton, Randal
Subject: RE: lagoon info request

Jan:

Any chance we can get your benthic data for Malibu?

Cindy

Cindy Lin, D.Env.
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From: "Dougall, Jan" <jdougall@lvmwd.com>
To: "Orton, Randal" <ROrton@LVMWD.com>
Cc: Cindy Lin/R9/USEPA/US@EPA
Date: 02/06/2012 04:42 PM
Subject: RE: lagoon info request

He ends by saying "some sort of summary information on dates of (1) breaching (with identification of intentional vs. natural breaches) and subsequent (2) closure that would be most welcome." (3) He adds that he would like to know "if, in your efforts to maintain a pressure transducer in the estuary, you have assembled useful information on absolute or relative changes in sediment elevation at the sonde location."

- (1) If he needs to get dates on berm breaching, he would need to look at the data, and probably not ours, since we weren't looking at that.
- (2) We could give him what we have on berm closure with [\\lv-data\data\RC_PO\JanD\Projects\Lagoon\Berm_closure_MEMO.doc](#).
- (3) We could tell him that the only other parameters we collected did not relate to sediment levels: they were temperature, specific conductance, DO, depth, pH and Chlorophyll a

Jan
X2167

From: Butcher, Jon [<mailto:Jon.Butcher@tetrattech.com>]
Sent: Monday, February 06, 2012 4:17 PM
To: Orton, Randal
Cc: Dougall, Jan; Lin.Cindy@epa.gov
Subject: RE: lagoon info request

Thanks Randal (and Jan),

I contacted Jan after reviewing an email of a few months ago from Cindy Lin indicating that Jan had some information on lagoon breaches. Jan and I had a good discussion this afternoon about the when, how, and why of LVMWD's efforts to assemble such data relative to discharge permit requirements. For Cindy's work we are focusing on a stressor identification effort to determine what stressors are most strongly associated with impacts to benthic communities in the

lagoon. (Admittedly, the lack of clear reference sites makes it difficult to tell to what extent the benthic community in the lagoon is impacted...) In any case, the lagoon has been subject to a number of stresses over time, including altered hydrology, changes in sediment and nutrient loads, increased toxics loads, and morphometric constraints that have altered the natural cycle of storing and flushing sediments. Part of that story is the history of lagoon breaching. The natural cycle of lagoon breaching has clearly been altered by both changes in hydrology (largely due to imported water) and physical constraints on the lagoon from bridges and development. There has also been intentional breaching for the purpose of lowering water levels in the lagoon.

I think what we are really looking for at this point is information to increase our understanding of the behavior of the lagoon over time. A narrative of when and how the lagoon opened to the ocean is an important piece of the puzzle - especially how it may have changed over recent time with the virtual elimination of the Tapia direct discharge and suppression of intentional breaching. We are more interested in trends than in detailed information for single years. So, if you have some sort of summary information on dates of breaching (with identification of intentional vs. natural breaches) and subsequent closure that would be most welcome.

I am also interested to know if, in your efforts to maintain a pressure transducer in the estuary, you have assembled useful information on absolute or relative changes in sediment elevation at the sonde location.

Thanks again,
Jon Butcher
Tetra Tech

From: Orton, Randal [ROrton@LVMWD.com]
Sent: Monday, February 06, 2012 6:11 PM
To: Butcher, Jon
Cc: Dougall, Jan; Lin.Cindy@epa.gov
Subject: lagoon info request
Hello Jon,

Jan forwarded thread to me. Are you interested in dates when people breached the lagoon, or dates when it breached regardless of cause or something else? We have a fair amount of data, most of it years old at this point, so any more detail would be good.

Our breach info comes from two sources, early stuff based on lifeguard log, later stuff based on depth gage on lagoon sonde. The sonde data is very discontinuous though.

I know Jan asked for more info too – sorry for any duplication.

Randal Orton, PhD, DEnv
Resource Conservation Manager
LVMWD